Cfg File Available ?	Sample	Request	Description	Simulation	Number of Events (K)						
	Min Bias	**JEC**	Min-bias events with 0, 1, 2, 5, 10, 20 pile-up. 10K events each	**Full**	**60**						
	Noise only	**JEC**	Neutrino particle gun.	**Full**	**10**						
	No-noise sample	**JEC**	Min-bias events with calorimeter noise turned off	**Full**	**10**						
	Min Bias	**JEC**	Min-bias events with 0, 1, 2, 5, 10, 20 pile-up. 10K each, **digitized and reconstructed without zero-suppression**	**Full**	**60**						
	Noise only	**JEC**	Neutrino particle gun **digitized and reconstructed without zero-suppression**	**Full**	**10**						
	No-noise sample	**JEC**	Min-bias events with calorimeter noise turned off, **digitized and reconstructed without zero-suppression**	**Full**	**10**						
	Photon background from QCD dijets for pt correction	**JEC/MET**	Photon background from QCD dijets with preselection of isolated pi0, eta, etc: 1 M after preselection, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are with 100K events per pt_hat bin.	**Full**	**1000**						
	Photon + jet	**JEC/MET**	Photon + jet balancing sample from inclusive photon signal production: 1 M, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are with 100K events per pt_hat bin.	**Full**	**1000**						
	Z+jet	**JEC/MET**	Z + jet balancing sample from Z production with forced decay to di-electron and di-muon: 1 M, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are with 100K events per pt_hat bin.	**Full**	**1000**						
	W+jet	**MET**	W + jet balancing sample from W production with forced decay to electron and muon(?): 1 M, pt_hat bins 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-300, 300-500, >500. All samples are with 50K events per pt_hat bin.	**Full**	**500**						
	QCD dijet samples	**JEC/ JALGO/ MET**	21 pt hat bins: 0-15, 15-20, 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000, 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100K /pthat bin	**Full**	**2100**						
	QCD dijet samples	**Jet +track**	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with with 0 PU event 50K /pthat bin . Datasets should be produced without zero supression in ECAL and HCAL (for ECAL means switch OFF selective readout).	**Full**	**350**						
	QCD dijet samples	**Jet +track**	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with with 1 PU event 50K /pthat bin	**Full**	**350**						
	QCD dijet samples	**Jet +track**	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with with 2 PU event 50K /pthat bin	**Full**	**350**						
	QCD dijet samples	**Jet +track**	21 pt hat bins: 20-30, 30-50, 50-80, 80-120, 120-170, 170-230, 230-300 with with 5 PU event 50K /pthat bin	**Full**	**350**						
	QCD dijet samples	**JEC/ JALGO/ MET**	Samples for flavor correction with standard AOD output;QCD dijet samples **with a pre-selection of events with either b or c hadrons in the final state (if such pre-selection is not available, then b or c quarks coming from the hard scatter).** a.) 0-15, 15-20 with 50K events each =100k	**Full**	**100**						
	QCD dijet samples	**JEC/ JALGO/ MET**	(see above) b.) 20-30, 30-50, 50-80 with 100K events each = 300 K events	**Full**	**300**						
	QCD dijet samples	**JEC/ JALGO/ MET**	(see above) c.) 80-120, 120-170, 170-230, 230-300, 300-380, 380-470, 470-600 with 50K events each = 350 K events	**Full**	**350**						
	QCD dijet samples	**JEC/ JALGO MET**	(see above) d.) 600-800, 800-1000, 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500,30K each = 270 K	**Full**	**270**						
	QCD dijet samples	**JALGO**	pthat bins: 20-inf, 80-120, 600-800,**no-noise no PU** ,10k events each	**Full**	**30**						
	QCD dijet samples	**JALGO**	pthat bins: 20-inf, 80-120, 600-800**, no PU**,10k events each	**Full**	**30**						
	QCD dijet samples	**JALGO**	pthat bins: 20-inf, 80-120, 600-800, **low-lumi in-time PU**,10k events each	**Full**	**30**						
	QCD dijet samples	**JALGO**	pthat bins: 20-inf, 80-120, 600-800, **low-lumi full PU,**10k events each	**Full**	**30**						
	QCD dijet samples	**JALGO**	pthat bins: 20-inf, 80-120, 600-800, **high-lumi in-time PU,**10k events each	**Full**	**30**						
	QCD dijet samples	**JALGO**	pthat bins: 20-inf, 80-120, 600-800, **high-lumi full PU,**10k events each	**Full**	**30**						
	ttbar	**JALGO**	no-noise no PU	**Full**	**20**						
	ttbar	**JALGO**	no PU	**Full**	**20**						
	ttbar	**JALGO**	low-lumi in-time PU	**Full**	**20**						
	ttbar	**JALGO**	low-lumi full PU	**Full**	**20**						
	ttbar	**JALGO**	high-lumi in-time PU	**Full**	**20**						
	ttbar	**JALGO**	high-lumi full PU	**Full**	**20**						
	Beam Halo	**MET**	default scenario	**Full**	**50**						
	Z'	**JALGO**	high-lumi full PU m(Z')=700,2000,5000,10k events each	**Full**	**30**						
	Z'	**JALGO**	no PU m(Z')=700,2000,5000,10k events each	**Full**	**30**						
	Z'	**JALGO**	low-lumi full PU m(Z')=700,2000,5000,10k events each	**Full**	**30**						
			SUM FULL	**SUM FULL**	**8620**						
			SUM FULL Sample Size (Gb)		**2758.4**						
	QCD dijet event	**JEC**	Samples for eta correction study with compressed Jet AOD output (47 M events total,20kbB/ evt) (output of 20 KB/event containing only GenJets, CaloJets, GenMET, CaloMET, Photons, CorrectedPhotons) QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 10 M events each = 40 M events.	**Fast**	**40000**						
	QCD dijet event	**JEC**	(see above) b) 50-80, 80-120 with 2 M events each = 4 M events.	**Fast**	**4000**						
	QCD dijet event	**JEC**	(see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 250 K each= 2 M events	**Fast**	**2000**						
	QCD dijet event	**JEC**	(see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 100 K each = 0.7 M events	**Fast**	**700**						
	QCD dijet event	**JALGO**	QCD dijet event samples for dijet pt balancing with many more events at low pt than CSA07 a.) 0-15, 15-20, 20-30, 30-50 with 1 M events each = 4 M events.	**Fast**	**4000**						
	QCD dijet event	**JALGO**	(see above) b) 50-80, 80-120 with 200k events each = 400k events.	**Fast**	**400**						
	QCD dijet event	**JALGO**	(see above) c.) 120-170, 170-230, 230-300, 300-380, 380-470, 470-600, 600-800, 800-1000 with 25 K each= 2 00 k events	**Fast**	**200**						
	QCD dijet event	**JALGO**	(see above) d) 1000-1400, 1400-1800, 1800-2200, 2200-2600, 2600-3000, 3000-3500, >3500 with 10 K each = 70 k events	**Fast**	**70**						
			SUM FAST	**SUM FAST**	**51370**						
			SUM FAST Sample Size (Gb)		**2428.4**						